

Fig. 1

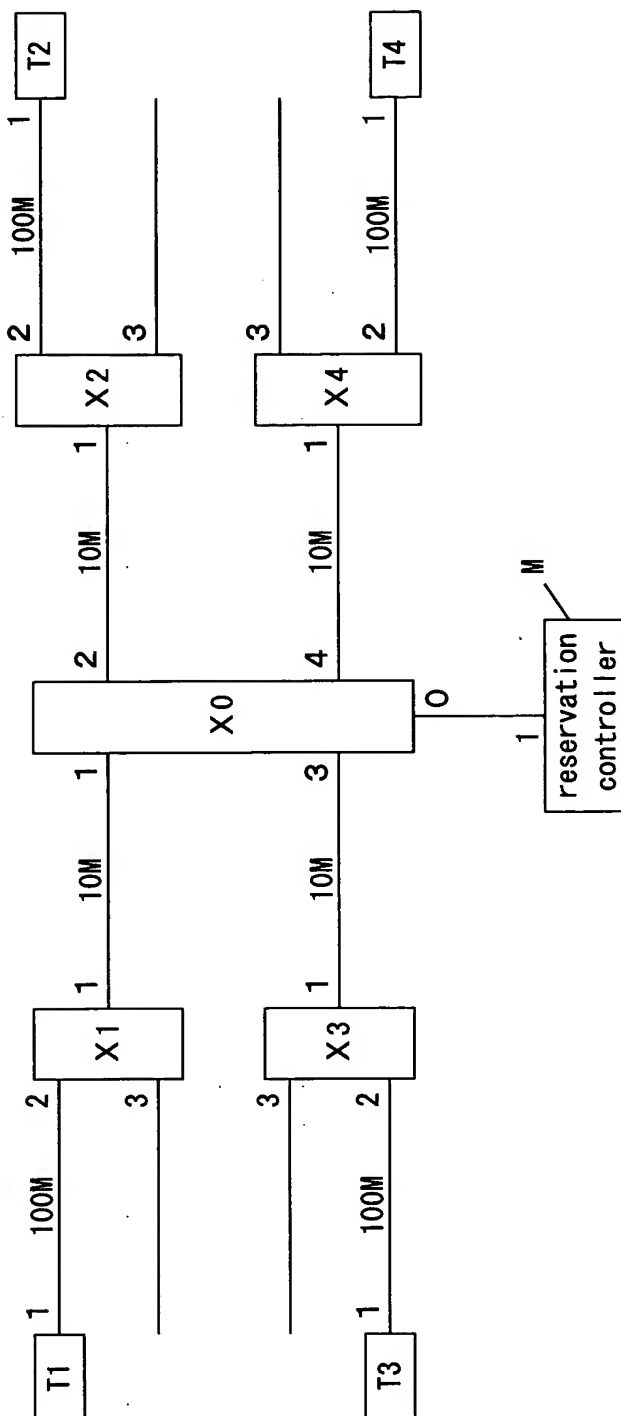


Fig. 2

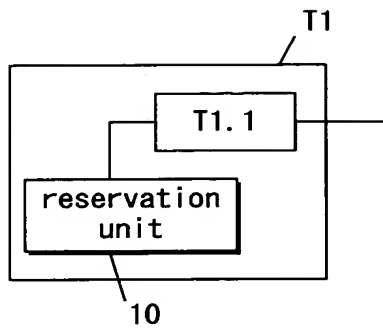


Fig. 3

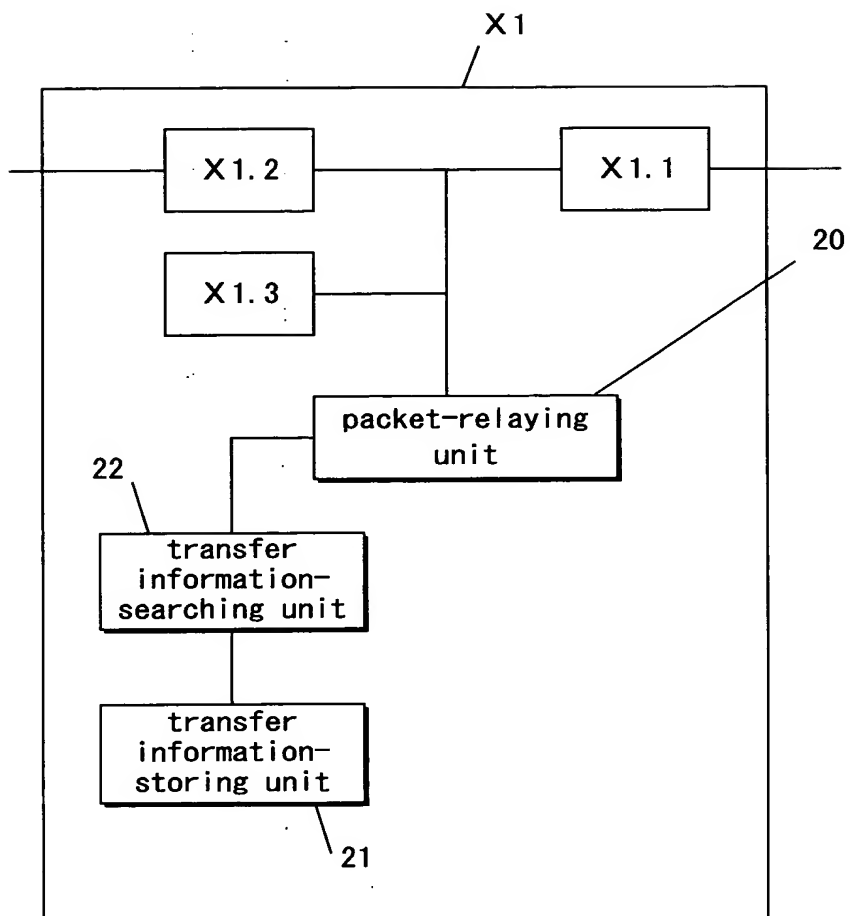


Fig. 4

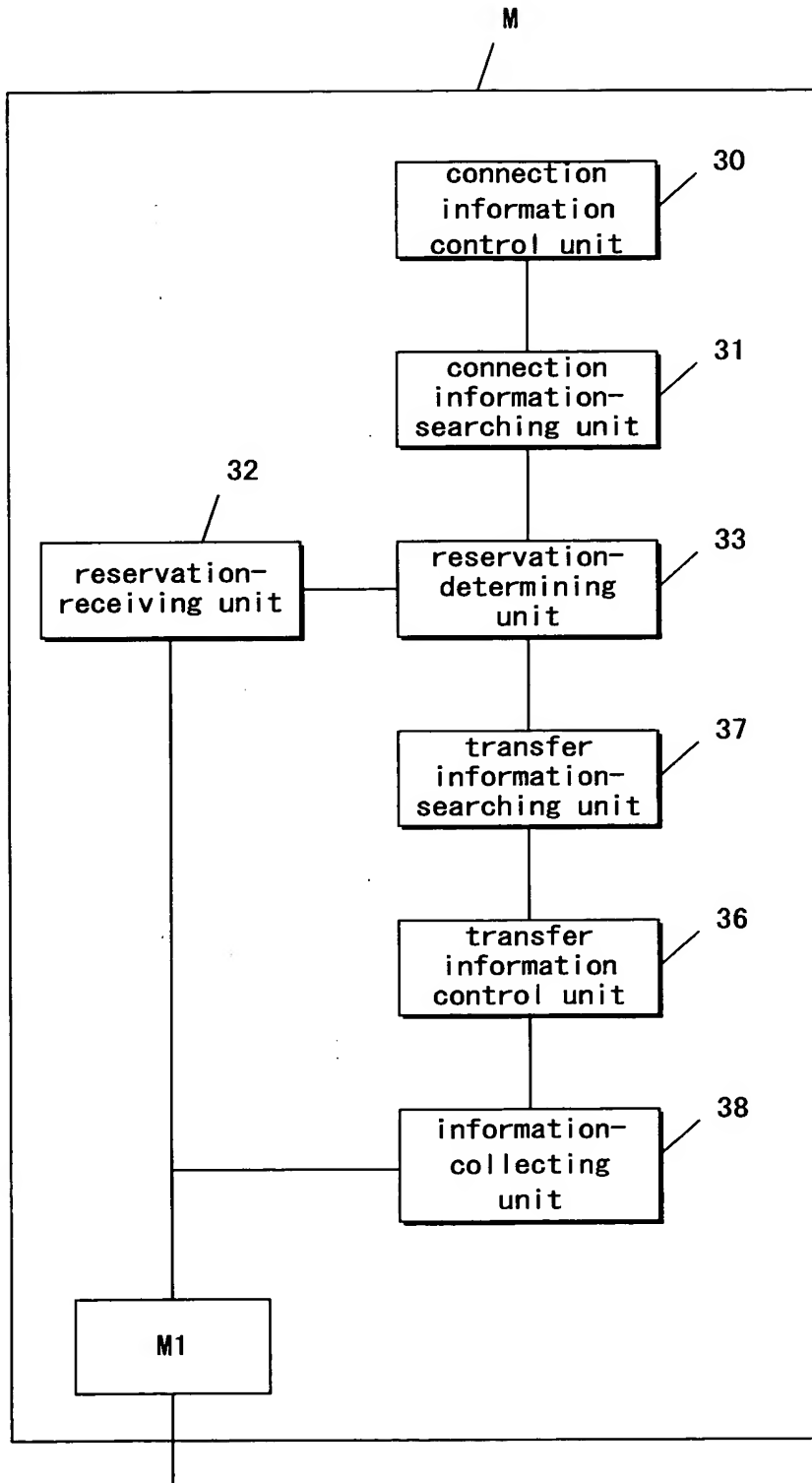


Fig. 5(a)

transfer  
information (X0)

opponent	I/F
M	0
T1	1
T2	2
T3	3
T4	4

Fig. 5(b)

transfer  
information (X1)

opponent	I/F
T1	2
T2	1
T3	1
T4	1

Fig. 5(c)

transfer  
information (X2)

opponent	I/F
T1	1
T2	2
T3	1
T4	1

Fig. 5(d)

transfer  
information (X3)

opponent	I/F
T1	1
T2	1
T3	2
T4	1

Fig. 5(e)

transfer  
information (X4)

opponent	I/F
T1	1
T2	1
T3	1
T4	2

Fig. 6(a)

via	opponent	resources	reserva- tion
X0.0	M.1	10	0
X0.1	X1.1	10	0
X0.2	X2.1	10	0
X0.3	X3.1	10	0
X0.4	X4.1	10	0
X1.1	X0.1	10	0
X1.2	(T1.1)	100	0
X1.3	—	—	—
X2.1	X0.2	10	0
X2.2	(T2.1)	100	0
X2.3	X0.2	—	—
X3.1	X0.3	10	0
X3.2	(T3.1)	100	0
X3.3	—	—	—
X4.1	X0.4	10	0
X4.2	(T4.1)	100	0
X4.3	—	—	—

Fig. 6(b)

via	opponent	resources	reserva- tion
X0.0	X2.1	4	6
X0.1			
X0.2			
X0.3			
X0.4			
X1.1	X0.1	4	6
X1.2			
X1.3			
X2.1	T2.1	94	6
X2.2			
X2.3			
X3.1			
X3.2			
X3.3			
X4.1			
X4.2			
X4.3			

Fig. 7

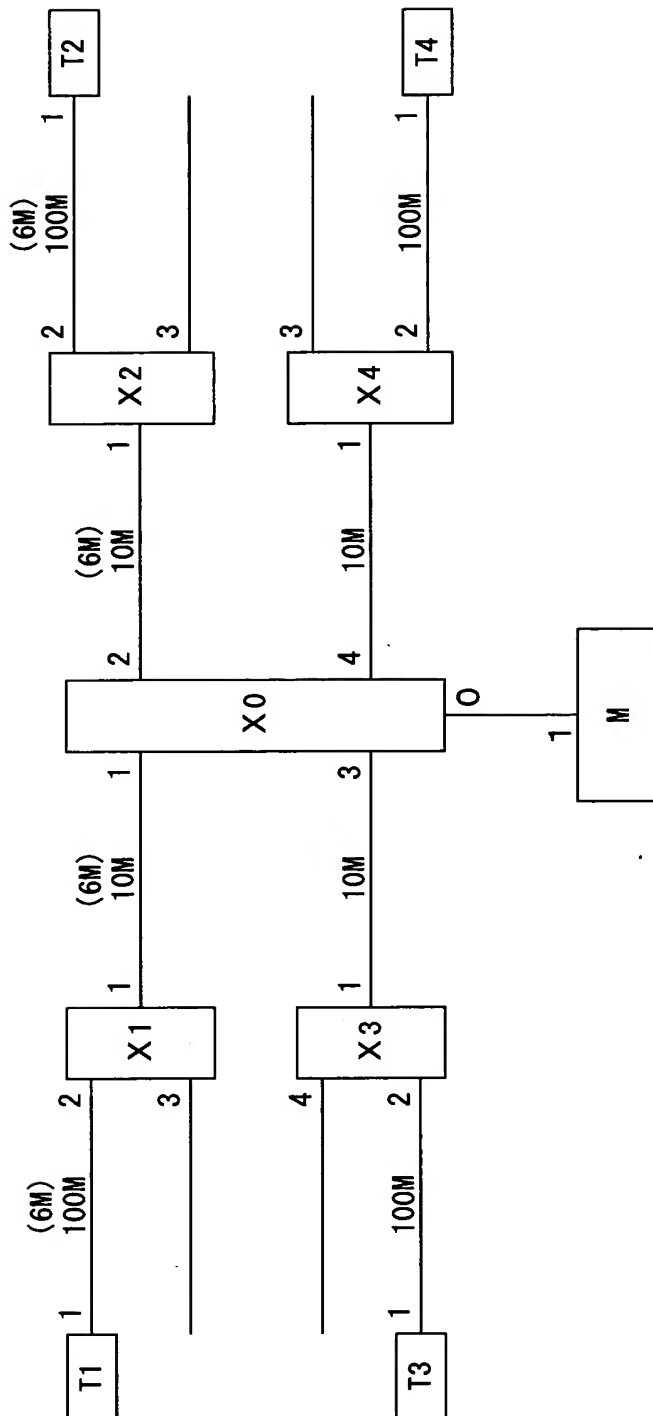


Fig. 8

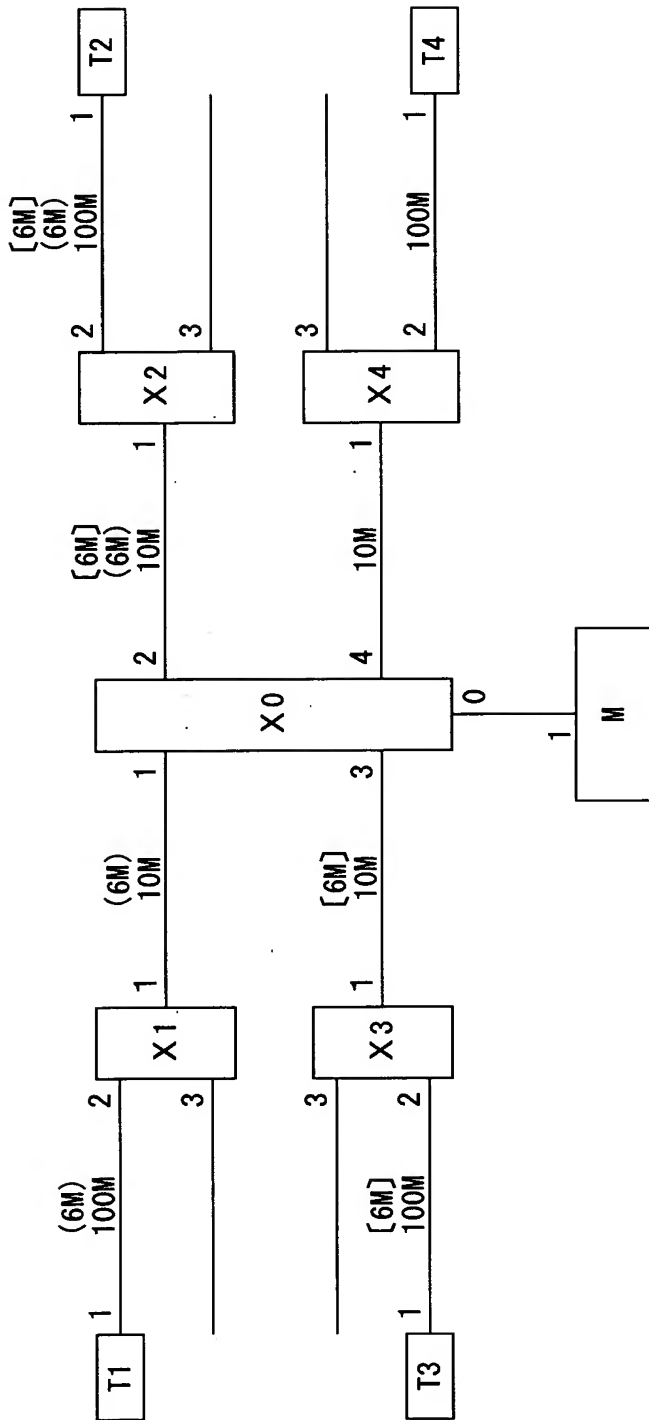


Fig. 9

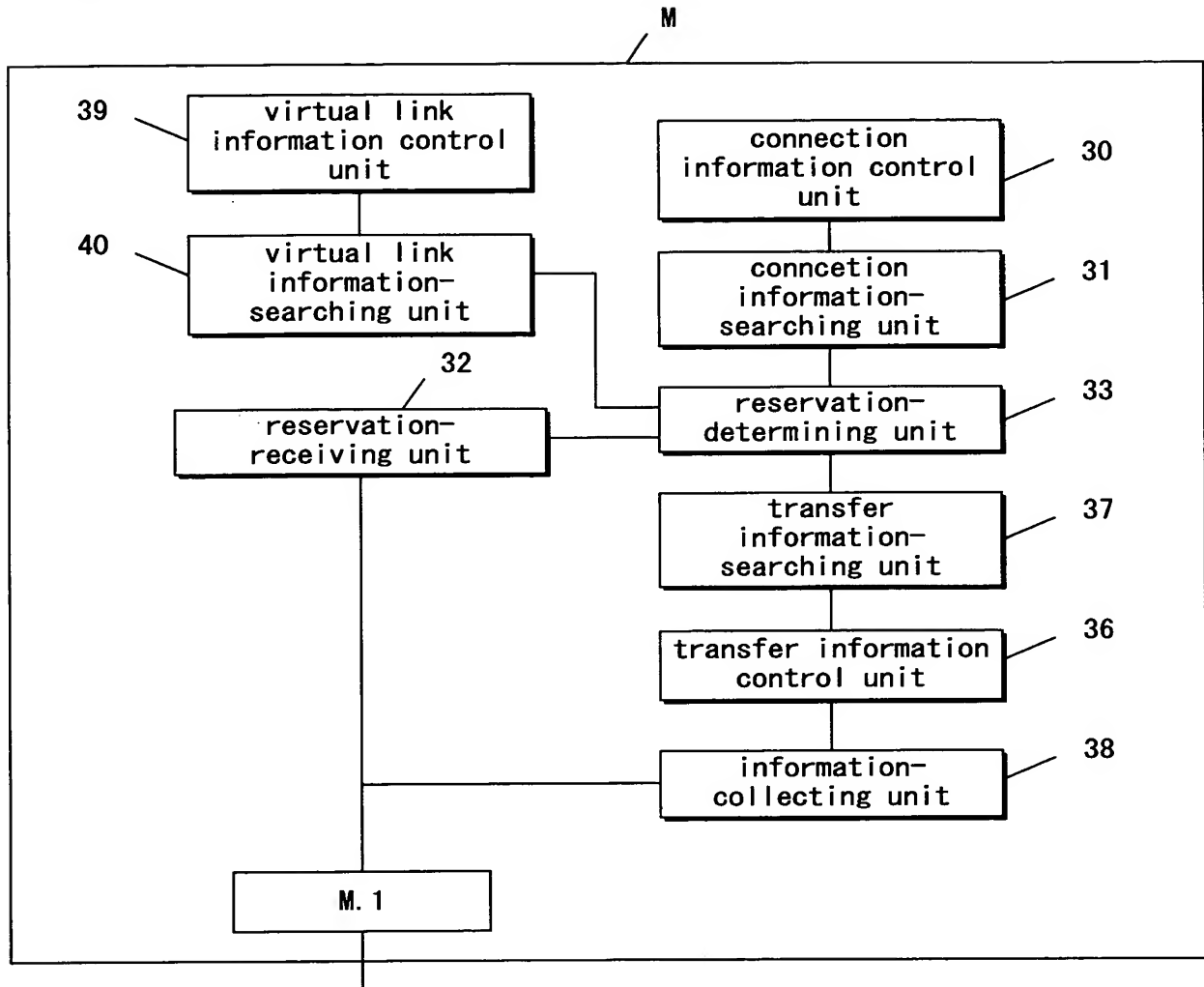


Fig. 10

virtual link information(X3)

opponent	I/F
T1	3



Fig. 11

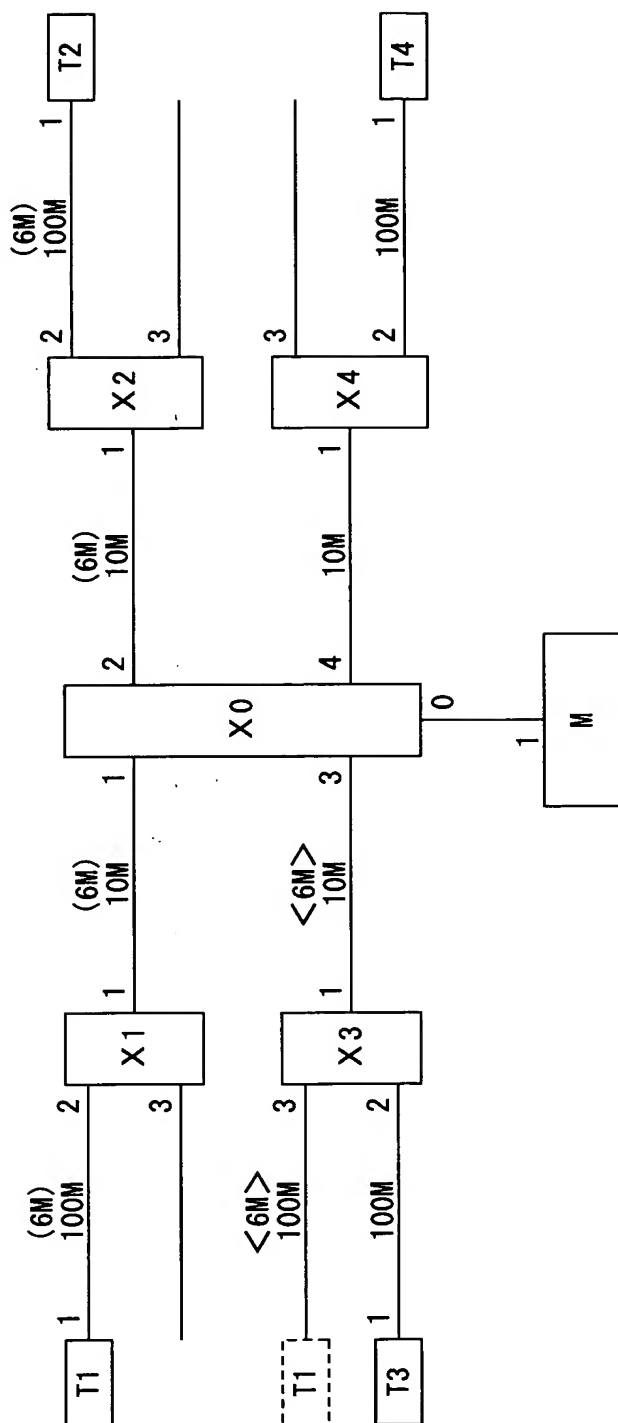
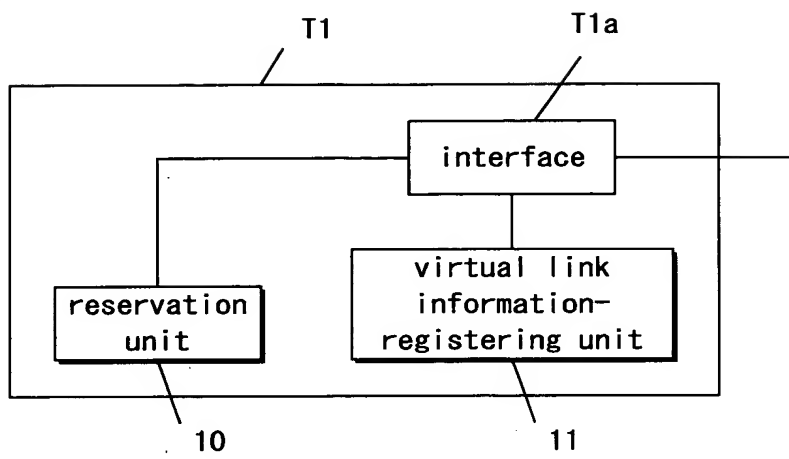


Fig. 12



destination address	source address	data reservation message other message
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Fig. 13(a)

destination address	source address	priority	data reservation message other message
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Fig. 13(b)

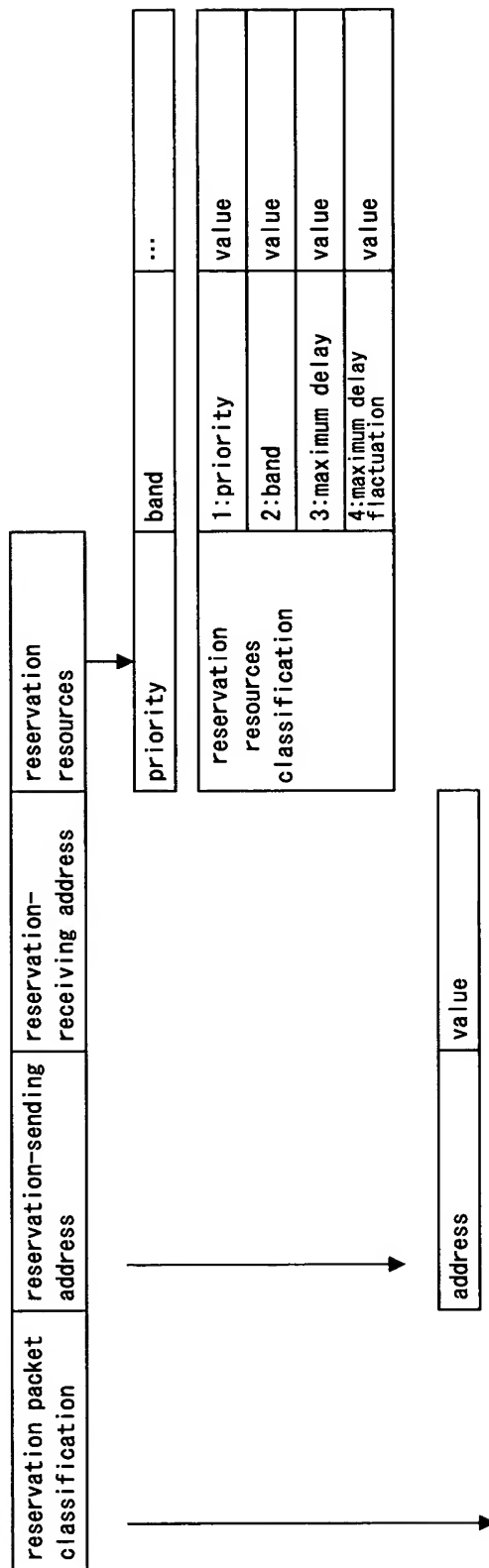


Fig. 13(c)

reservation packet classification	1:reserving the resources
	2:reserving the resources has failed
	3:reserving the resources has been released
	4:the resources have been secured
	5:securing the resources has failed
	6:securing the resources has been released

Fig. 14

